

Man-Young Jung

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,315
citations

279798

23
h-index

223800

46
g-index

54
all docs

54
docs citations

54
times ranked

2490
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonia-oxidizing archaea possess a wide range of cellular ammonia affinities. ISME Journal, 2022, 16, 272-283.	9.8	96
2	Genomic and kinetic analysis of novel Nitrospinae enriched by cell sorting. ISME Journal, 2021, 15, 732-745.	9.8	23
3	Ammonia-oxidizing archaea in biological interactions. Journal of Microbiology, 2021, 59, 298-310.	2.8	15
4	Survival strategies of ammonia-oxidizing archaea (AOA) in a full-scale WWTP treating mixed landfill leachate containing copper ions and operating at low-intensity of aeration. Water Research, 2021, 191, 116798.	11.3	39
5	Nitrogen Kinetic Isotope Effects of Nitrification by the Complete Ammonia Oxidizer Nitrospira inopinata. MSphere, 2021, 6, e0063421.	2.9	3
6	Archaeal nitrification is constrained by copper complexation with organic matter in municipal wastewater treatment plants. ISME Journal, 2020, 14, 335-346.	9.8	62
7	Expansion of <i>Thaumarchaeota</i> habitat range is correlated with horizontal transfer of ATPase operons. ISME Journal, 2019, 13, 3067-3079.	9.8	59
8	Distinct temporal dynamics of planktonic archaeal and bacterial assemblages in the bays of the Yellow Sea. PLoS ONE, 2019, 14, e0221408.	2.5	17
9	Indications for enzymatic denitrification to N ₂ O at low pH in an ammonia-oxidizing archaeon. ISME Journal, 2019, 13, 2633-2638.	9.8	35
10	Low yield and abiotic origin of N ₂ O formed by the complete nitrifier Nitrospira inopinata. Nature Communications, 2019, 10, 1836.	12.8	123
11	Genomic and metatranscriptomic analyses of carbon remineralization in an Antarctic polynya. Microbiome, 2019, 7, 29.	11.1	13
12	Plant growth-promoting archaea trigger induced systemic resistance in <i>Arabidopsis thaliana</i> against <i>Pectobacterium carotovorum</i> and <i>Pseudomonas syringae</i> . Environmental Microbiology, 2019, 21, 940-948.	3.8	52
13	<i>Paraburkholderia dokdonella</i> sp. nov., isolated from a plant from the genus <i>Campanula</i> . Journal of Microbiology, 2019, 57, 107-112.	2.8	9
14	Comparative genomic analysis of <i>Geosporobacter ferrireducens</i> and its versatility of anaerobic energy metabolism. Journal of Microbiology, 2018, 56, 365-371.	2.8	8
15	Draft Genome Sequence of <i>Candidatus Izimaplasma</i> sp. Strain ZiA1, Obtained from a Toluene-Degrading and Iron-Reducing Enrichment Culture. Microbiology Resource Announcements, 2018, 7, .	0.6	2
16	Genomic Insights Into the Acid Adaptation of Novel Methanotrophs Enriched From Acidic Forest Soils. Frontiers in Microbiology, 2018, 9, 1982.	3.5	23
17	<i>Ketobacter alkanivorans</i> gen. nov., sp. nov., an n-alkane-degrading bacterium isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2258-2264.	1.7	18
18	<i>Nitrosarchaeum koreense</i> gen. nov., sp. nov., an aerobic and mesophilic, ammonia-oxidizing archaeon member of the phylum Thaumarchaeota isolated from agricultural soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3084-3095.	1.7	46

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19	A novel methanotroph in the genus <i>Methylomonas</i> that contains a distinct clade of soluble methane monoxygenase. <i>Journal of Microbiology</i> , 2017, 55, 775-782.	2.8	17
20	Ammonia-oxidising archaea living at low pH: Insights from comparative genomics. <i>Environmental Microbiology</i> , 2017, 19, 4939-4952.	3.8	107
21	<i>Kiloniella antarctica</i> sp. nov., isolated from a polynya of Amundsen Sea in Western Antarctic Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2397-2402.	1.7	8
22	A hydrophobic ammonia-oxidizing archaeon of the <i>Nitrosocosmicus</i> clade isolated from coal tar-contaminated sediment. <i>Environmental Microbiology Reports</i> , 2016, 8, 983-992.	2.4	89
23	<i>Calculibacillus koreensis</i> gen. nov., sp. nov., an anaerobic Fe(III)-reducing bacterium isolated from sediment of mine tailings. <i>Journal of Microbiology</i> , 2016, 54, 413-419.	2.8	9
24	Hydrogen peroxide detoxification is a key mechanism for growth of ammonia-oxidizing archaea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7888-7893.	7.1	181
25	Cultivation and biochemical characterization of heterotrophic bacteria associated with phytoplankton bloom in the Amundsen sea polynya, Antarctica. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 123, 126-134.	1.4	10
26	Pyrosequencing analysis of a bacterial community associated with lava-formed soil from the G otjawal forest in Jeju, Korea. <i>MicrobiologyOpen</i> , 2015, 4, 301-312.	3.0	11
27	<i>Geosporobacter ferrireducens</i> sp. nov., an anaerobic iron-reducing bacterium isolated from an oil-contaminated site. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 971-977.	1.7	24
28	<i>Draconibacterium filum</i> sp. nov., a new species of the genus of <i>Draconibacterium</i> from sediment of the east coast of the Korean Peninsula. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1049-1056.	1.7	14
29	<i>Leeuwenhoekiella polynya</i> sp. nov., isolated from a polynya in western Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1694-1699.	1.7	9
30	Isotopic signatures of N ₂ O produced by ammonia-oxidizing archaea from soils. <i>ISME Journal</i> , 2014, 8, 1115-1125.	9.8	143
31	Unveiling abundance and distribution of planktonic <i>Bacteria</i> and <i>Archaea</i> in a polynya in Amundsen Sea, Antarctica. <i>Environmental Microbiology</i> , 2014, 16, 1566-1578.	3.8	38
32	Draft genome sequence of an aromatic compound-degrading bacterium, <i>Desulfobacula</i> sp. TS, belonging to the Δ proteobacteria. <i>FEMS Microbiology Letters</i> , 2014, 360, 9-12.	1.8	10
33	A Mesophilic, Autotrophic, Ammonia-Oxidizing Archaeon of Thaumarchaeal Group I.1a Cultivated from a Deep Oligotrophic Soil Horizon. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3645-3655.	3.1	76
34	An Uncultivated Nitrate-Reducing Member of the Genus <i>Herminiimonas</i> Degrades Toluene. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3233-3243.	3.1	29
35	Isolation and Characterization of Sulfate- and Sulfur-reducing Bacteria from Woopo Wetland, Sunchun Bay, and Tidal Flat of Yellow Sea. <i>Korean Journal of Microbiology</i> , 2014, 50, 254-260.	0.2	0
36	<i>Natronomonas gomsonensis</i> sp. nov., isolated from a solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 627-635.	1.7	22

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37	Marinoscillum luteum sp. nov., isolated from marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3475-3480.	1.7	12
38	Hoeflea halophila sp. nov., a novel bacterium isolated from marine sediment of the East Sea, Korea. Antonie Van Leeuwenhoek, 2013, 103, 971-978.	1.7	19
39	A Unique Prokaryotic Assemblage of Wall Biofilm of a Volcanic Cave (Daesubee) in Jeju. Korean Journal of Microbiology, 2013, 49, 184-190.	0.2	0
40	Draft Genome Sequence of an Ammonia-Oxidizing Archaeon, "Candidatus Nitrosopumilus sediminis" AR2, from Svalbard in the Arctic Circle. Journal of Bacteriology, 2012, 194, 6948-6949.	2.2	52
41	Draft Genome Sequence of an Ammonia-Oxidizing Archaeon, "Candidatus Nitrosopumilus koreensis" AR1, from Marine Sediment. Journal of Bacteriology, 2012, 194, 6940-6941.	2.2	40
42	Draft Genome Sequence of the Sulfur-Oxidizing Bacterium "Candidatus Sulfurovum sediminum" AR, Which Belongs to the Epsilonproteobacteria. Journal of Bacteriology, 2012, 194, 4128-4129.	2.2	29
43	Intact Polar and Core Glycerol Dibiphytanyl Glycerol Tetraether Lipids of Group I.1a and I.1b Thaumarchaeota in Soil. Applied and Environmental Microbiology, 2012, 78, 6866-6874.	3.1	156
44	Evaluation of a fosmid-clone-based microarray for comparative analysis of swine fecal metagenomes. Journal of Microbiology, 2012, 50, 684-688.	2.8	3
45	Cultivation of a highly enriched ammonia-oxidizing archaeon of thaumarchaeotal group I.1b from an agricultural soil. Environmental Microbiology, 2012, 14, 1528-1543.	3.8	148
46	Identification of Anaerobic Thermophilic Thermococcus Dominant in Enrichment Cultures from a Hydrothermal Vent Sediment of Tofua Arc. Korean Journal of Microbiology, 2012, 48, 42-47.	0.2	0
47	Thioalbus denitrificans gen. nov., sp. nov., a chemolithoautotrophic sulfur-oxidizing gammaproteobacterium, isolated from marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2045-2051.	1.7	35
48	Influence of Deglaciation on Microbial Communities in Marine Sediments Off the Coast of Svalbard, Arctic Circle. Microbial Ecology, 2011, 62, 537-548.	2.8	23
49	Enrichment and Characterization of an Autotrophic Ammonia-Oxidizing Archaeon of Mesophilic Crenarchaeal Group I.1a from an Agricultural Soil. Applied and Environmental Microbiology, 2011, 77, 8635-8647.	3.1	239
50	Genome Sequence of an Ammonia-Oxidizing Soil Archaeon, "Candidatus Nitrosoarchaeum koreensis" MY1. Journal of Bacteriology, 2011, 193, 5539-5540.	2.2	111
51	Metagenomic assessment of a sulfur-oxidizing enrichment culture derived from marine sediment. Journal of Microbiology, 2010, 48, 739-747.	2.8	2